

BIGH3_HUMAN	161	SNVNI	ELIN	AI	YH	MVGR	RV	TT	DE	IK	HG	MT	190	(SEQ ID: 28)							
BIGH3-PIG	161	SNVNI	ELIN	AI	YH	MVDR	RV	TT	DE	IK	HG	MA	190	(SEQ ID: 29)							
BIGH3_CHICK	154	SNVNI	ELIN	AI	YH	MVNR	RV	TT	DD	IK	HG	TT	183	(SEQ ID: 30)							
OSF2_MOUSE	157	NNVNV	ELIN	AI	SH	MVNR	RV	TT	DD	IK	HG	MT	186	(SEQ ID: 31)							
BIGH3_HUMAN	298	-GDPE	AI	RD	IN	NH	IK	KS	AM	CA	EA	IV	AG	LS	326	(SEQ ID: 32)					
BIGH3-PIG	298	-GDPE	AI	RD	IN	NH	IK	KS	AM	CA	EA	IV	AG	LS	326	(SEQ ID: 33)					
BIGH3_CHICK	290	-GDPE	AI	RD	IN	NH	IK	KS	AM	CA	EA	IV	AG	LS	318	(SEQ ID: 34)					
OSF2_HUMAN	292	-GDKV	ASE	AI	IM	YH	IN	TI	QC	SE	AI	IM	GG	AV	320	(SEQ ID: 35)					
OSF2_MOUSE	294	-GDKV	ASE	AI	IM	YH	IN	TI	QC	SE	AI	IM	GG	AV	322	(SEQ ID: 36)					
BIGH3_HUMAN	560	-GDAKE	ELAN	IK	YH	IGDE	IV	VS	GG	IG	AI	IV	VR	588	(SEQ ID: 37)						
BIGH3-PIG	560	-GNAKE	ELAN	IK	YH	VGDE	IV	VS	GG	IG	AI	IV	VR	588	(SEQ ID: 38)						
BIGH3_CHICK	552	-GNAKE	ELAS	IK	YH	MADE	IV	VS	GG	IG	AI	IV	VR	580	(SEQ ID: 39)						
SLL1735 homolog	59	-QNPP	QI	AI	IT	YH	VA	AG	HI	TK	DD	IK	IG	87	(SEQ ID: 40)						
SLL1735	59	-QNIP	QI	AI	IT	YH	VV	AG	KF	TQ	AD	IK	IG	87	(SEQ ID: 41)						
SLL1483	104	PENK	DK	IV	AI	IT	YH	VV	PG	KI	TAA	QV	-QS	GE	132	(SEQ ID: 42)					
OSF2_HUMAN	554	-RDKN	AI	QN	II	YH	IT	PG	GV	FI	GK	GF	EP	GV	582	(SEQ ID: 43)					
OSF2_MOUSE	556	-GDKN	AI	QN	II	YH	IT	PG	GV	FI	GK	GF	EP	GV	584	(SEQ ID: 44)					
MP83 MYCTU	164	-TDAR	EL	SS	II	YH	VI	AG	Q--	AS	PS	RI	DG	T	190	(SEQ ID: 45)					
MPT83	145	-TDAR	EL	SS	II	YH	VI	AG	Q--	AS	PS	RI	DG	T	171	(SEQ ID: 46)					
Q48948_MYCBO	119	-TNSS	MI	TS	II	YH	VV	AG	Q--	TS	PA	NV	VG	T	145	(SEQ ID: 47)					
Q50769_MYCTU	119	-TNSS	MI	TS	II	YH	VV	AG	Q--	TS	PA	NV	VG	T	145	(SEQ ID: 48)					
Putative Secreted protein	132	-NDRA	QI	KK	VI	YH	VV	EH	KK	TI	KA	QI	PH	GT	160	(SEQ ID: 49)					
Fasciclin	485	EG	-RGC	AS	NI	KN	IN	DL	TF	CS	AT	VP	GA	K	513	(SEQ ID: 50)					
HLC-32	284	KDP	AG	KI	ER	NI	KN	IN	DL	TF	CS	AT	VP	GA	K	513	(SEQ ID: 51)				
Fasciclin	775	-SKP	AD	PM	AI	YK	TH	IV	ED	VV	CC	AG	II	PT	NW	803	(SEQ ID: 52)				
BIGH3_HUMAN	432	RNI	ER	NH	IK	DK	QI	AS	KY	VI	YH	GQ	TI	DT	IG	GK	KI	IR	464	(SEQ ID: 53)	
BIGH3_PIG	432	KN	LI	LI	NH	IK	DK	QI	AS	KY	VI	YH	GQ	TI	DT	IG	GK	KI	IR	464	(SEQ ID: 54)
BIGH3_CHICK	424	KN	LI	LI	NH	IK	DK	QI	SS	KY	VI	YH	GQ	TI	DT	IG	GK	KI	IR	456	(SEQ ID: 55)
OSF2_HUMAN	426	-KNI	Q	NH	II	KV	KV	GL	NE	II	YH	GQ	TI	DT	IG	GK	KI	IR	458	(SEQ ID: 56)	
OSF2_MOUSE	428	-KNI	Q	NH	II	KV	KV	GL	NE	II	YH	GQ	TI	DT	IG	GK	KI	IR	460	(SEQ ID: 57)	



Fig3d

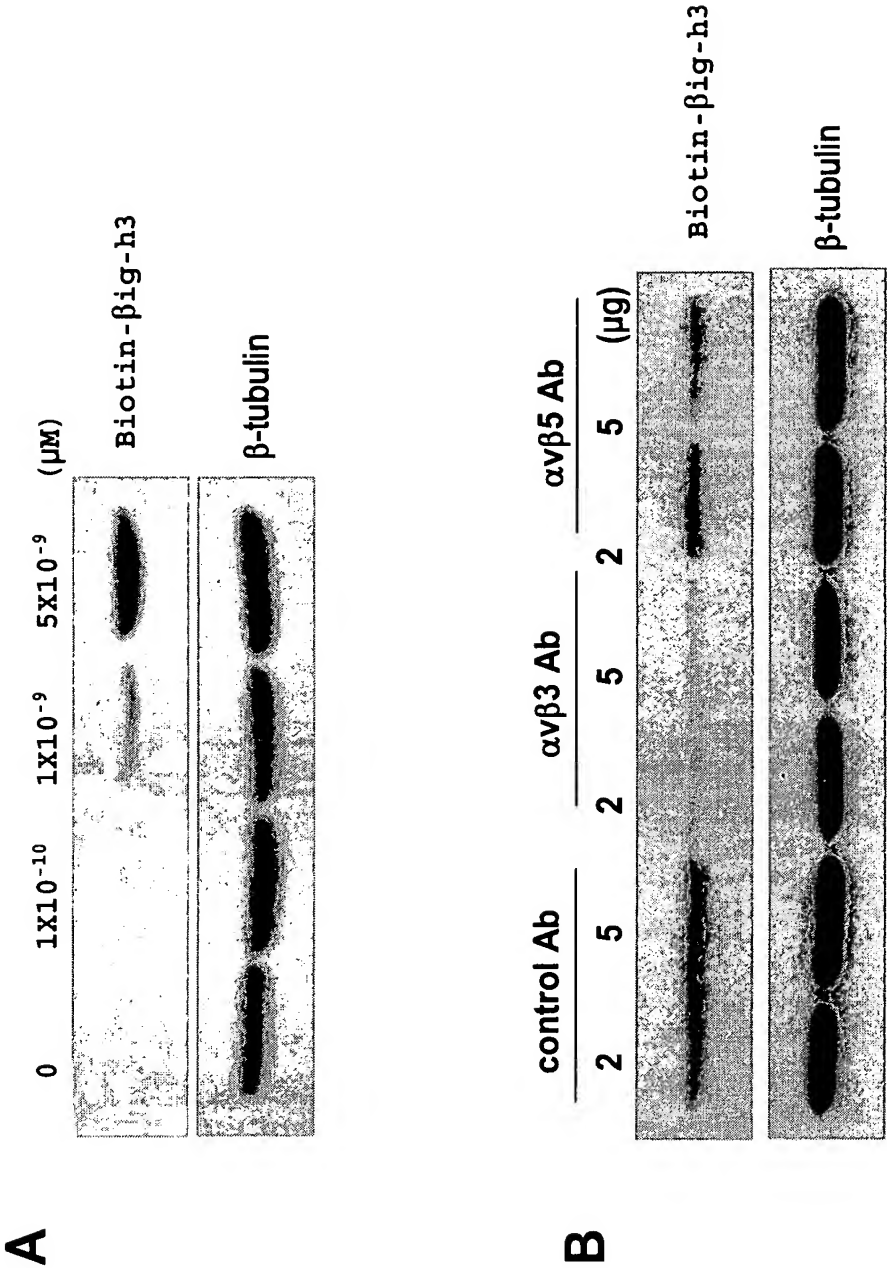


Fig 4b

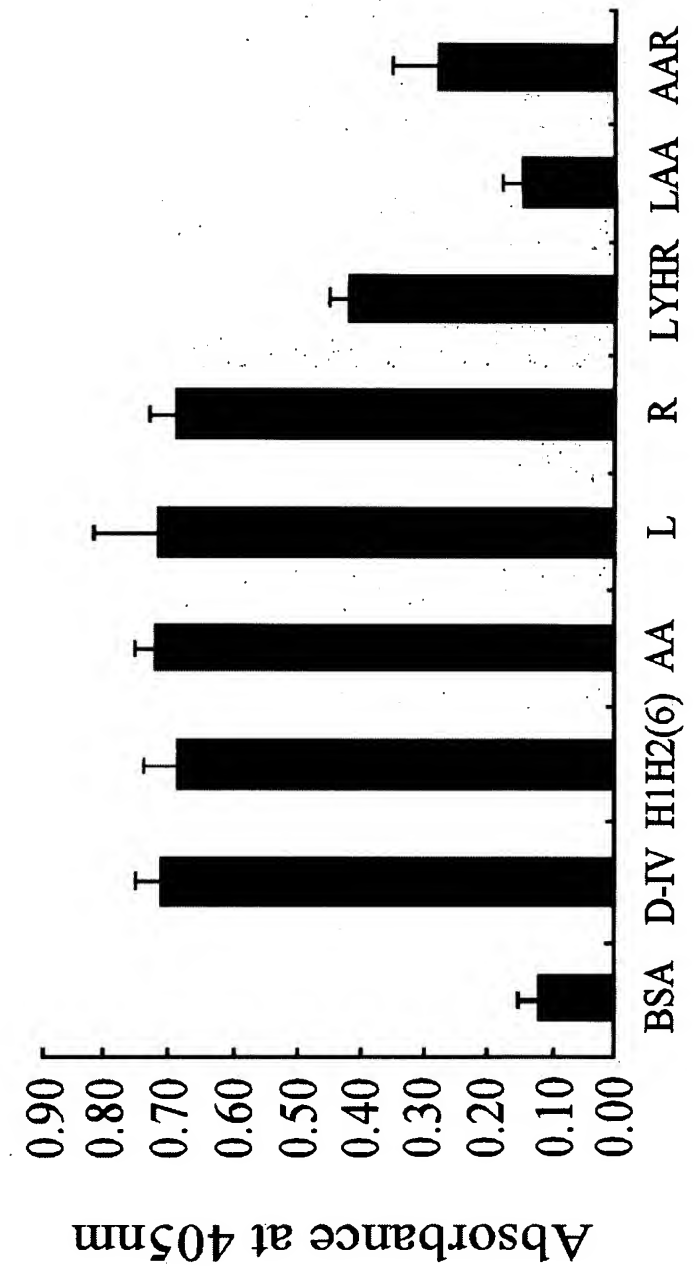
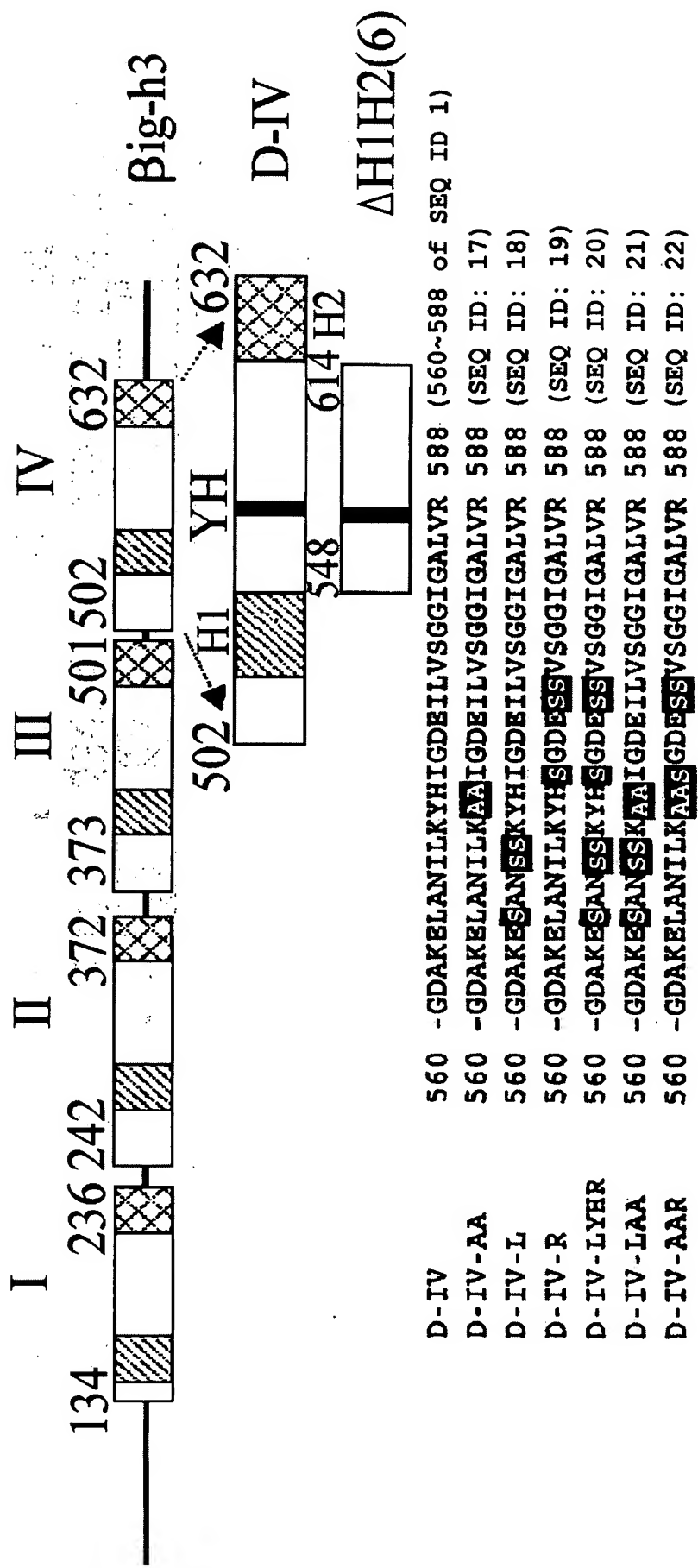


Fig 5

D-I	YH18	165	IELLNALRYHMGRRVLT	182	(SEQ ID: 23)
D-II	YH18	301	EALRDLLNNHILKSAMCA	318	(SEQ ID: 24)
D-III	YH18	442	DQLASKYLYHGQTLETIG	459	(SEQ ID: 25)
D-IV	YH18	563	KELANIILKYHIGDEILVS	580	(SEQ ID: 26)
YH18-con			KELANIHGIKLYDEILVS		(SEQ ID: 27)

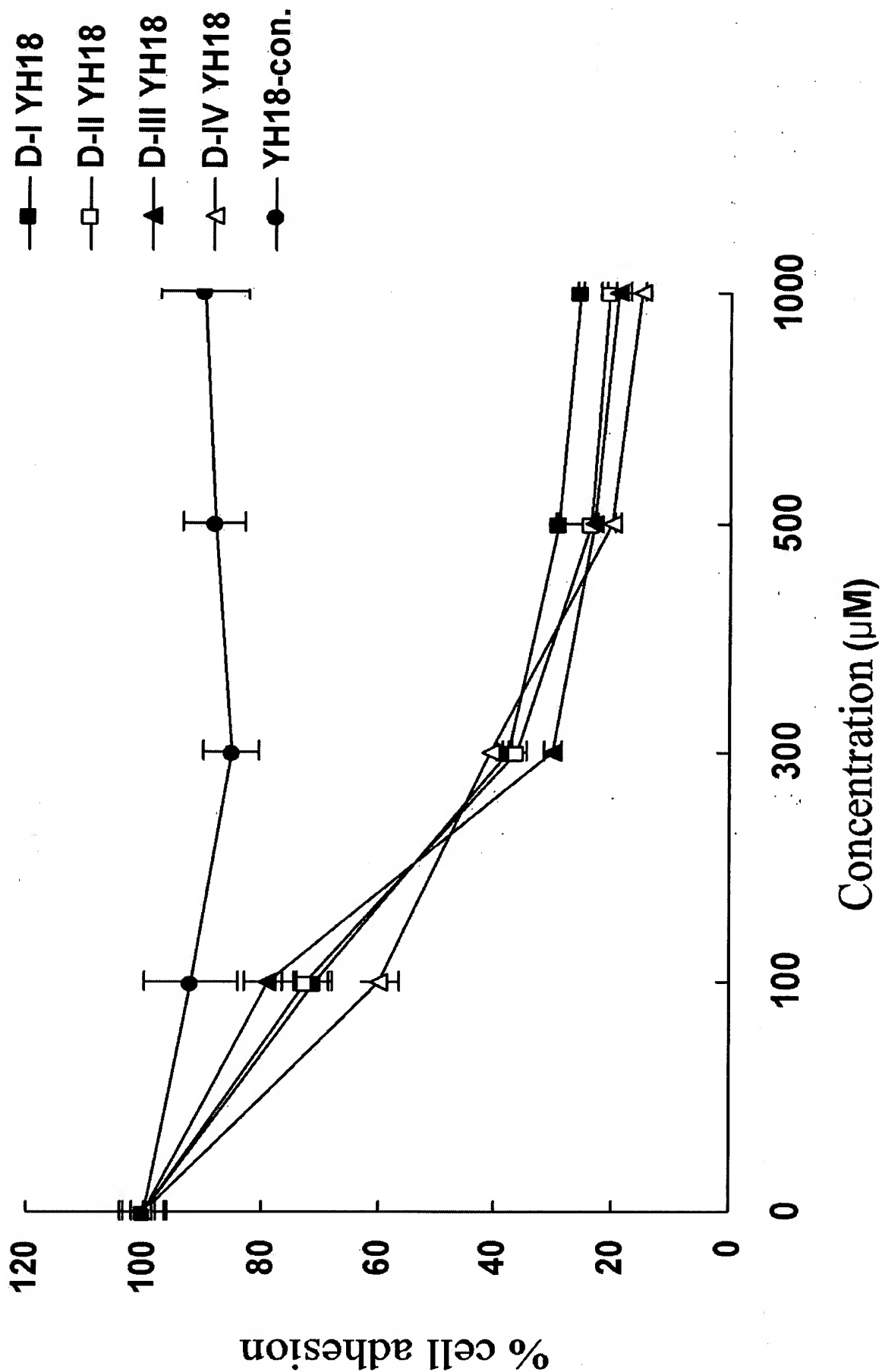
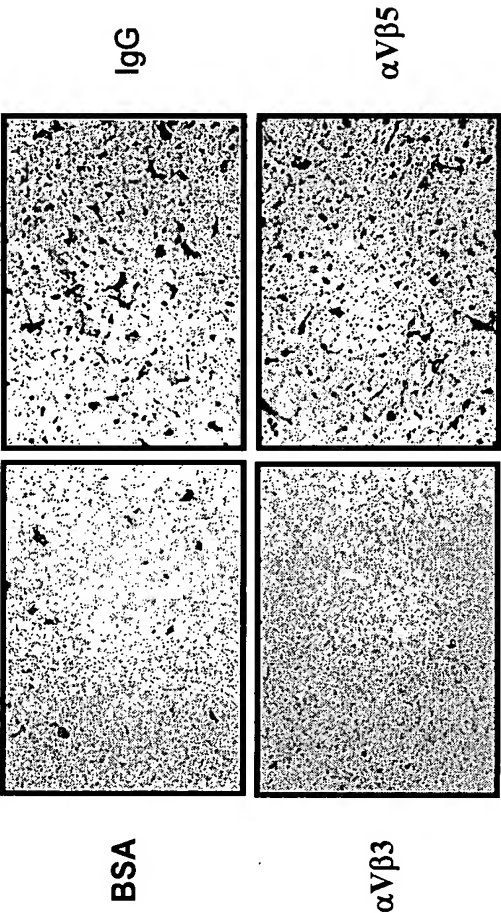


Fig7a
A



B

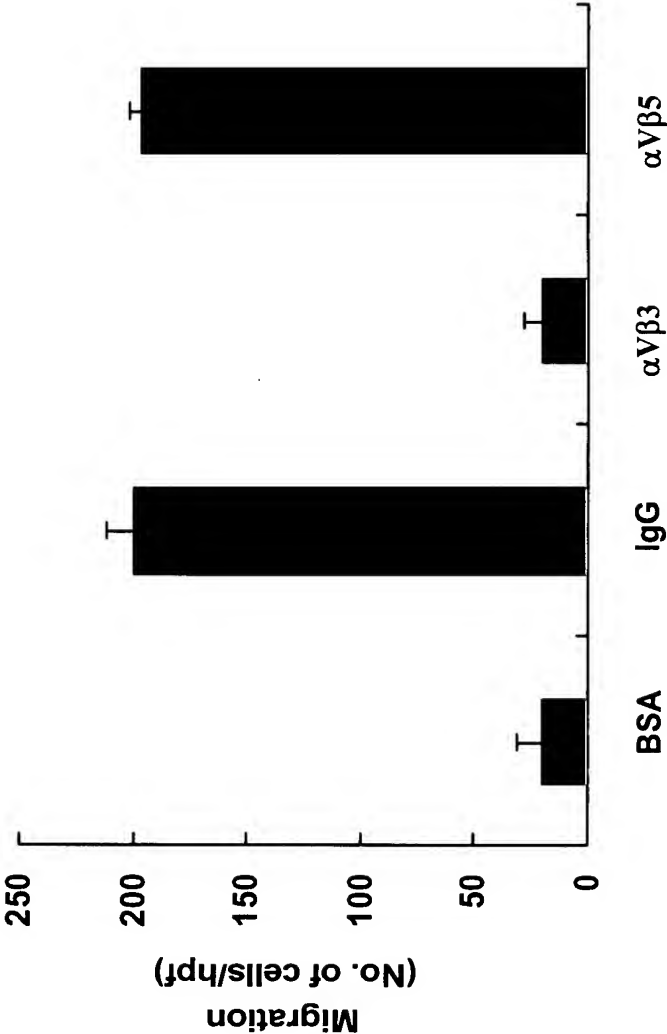


Fig8a

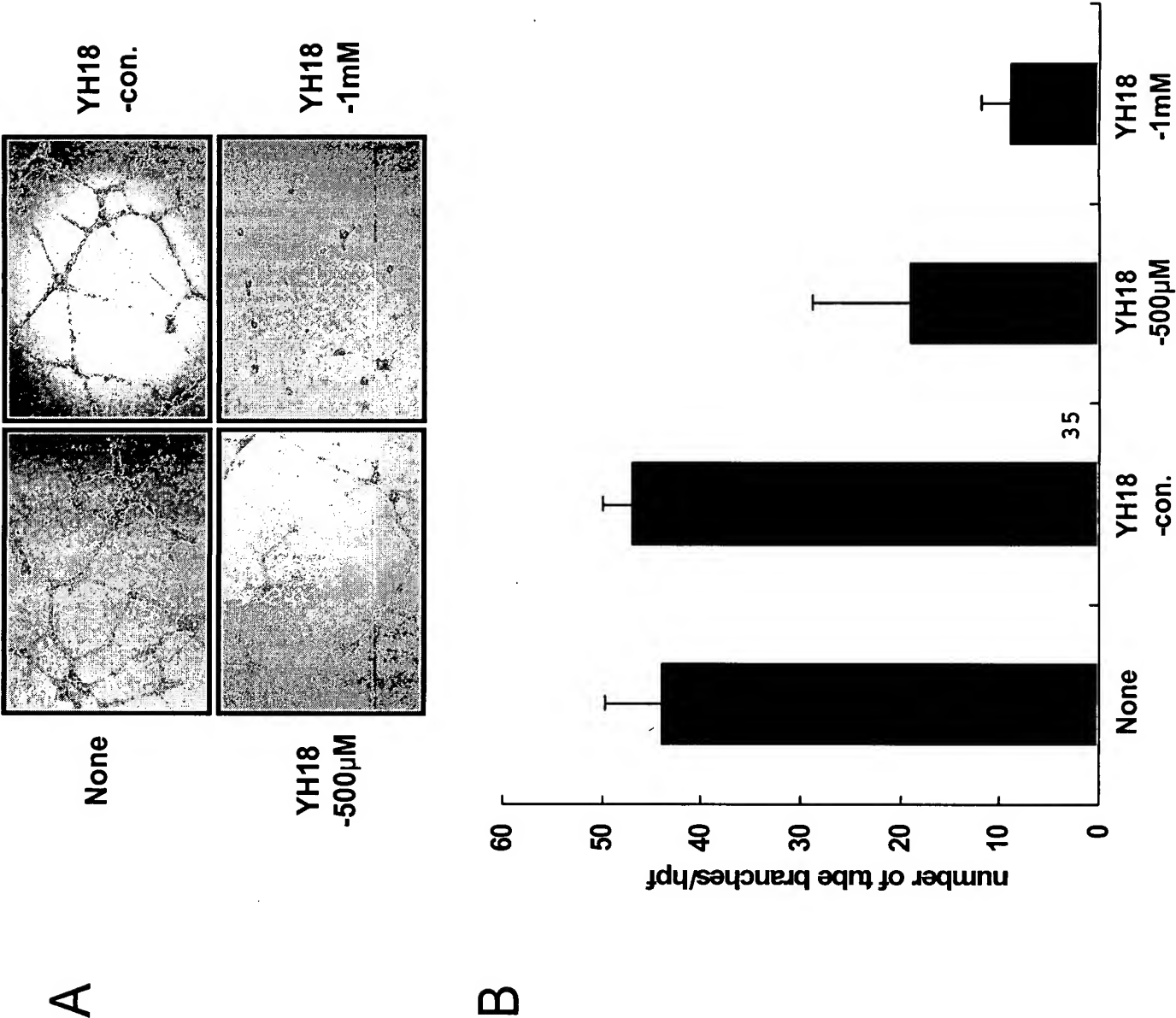


Fig8b

A

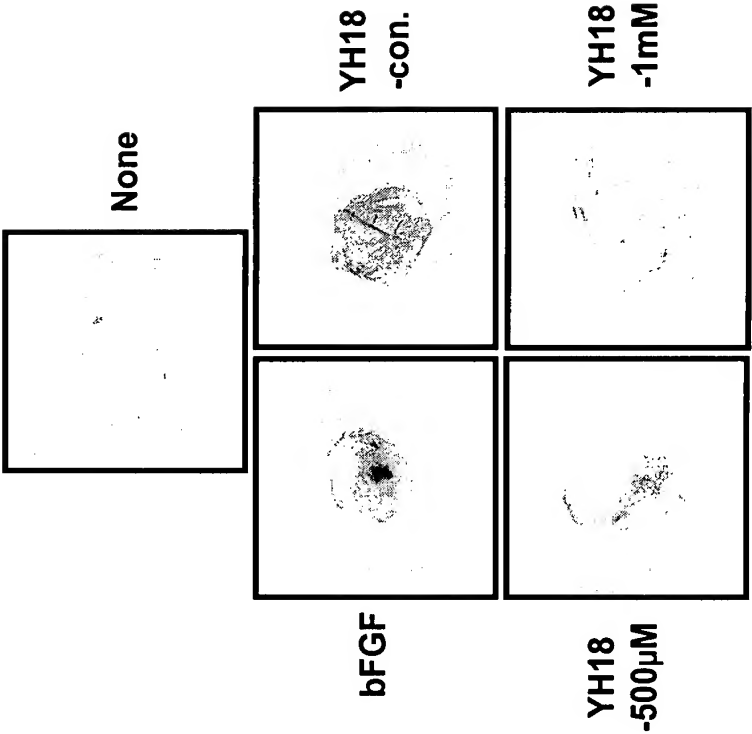


Fig8b

B

